

令和2年度「日本薬局方の試験法等に関する研究」研究報告 円偏光二色性測定法に関する研究*²

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Study on Circular Dichroism Spectroscopy

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Summary

Circular dichroism spectroscopy is a method for analysis of the structure of optically active substances. It is also used for determination of the secondary structure of peptides, proteins, and nucleotides. In this study, the effect of solvent on the secondary structure of magainin II was examined. Furthermore, the suitability of the reference substances supplied by the manufacturer for verification of the performance of the apparatus was examined.

Key words

Circular dichroism, Optically active substances, Peptide